



TRW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/706,778
Filing Date	November 12, 2003
First Named Inventor	CHO, Taehee
Art Unit	2824
Examiner Name	Phung, Anh K
Total Number of Pages in This Submission	26
Attorney Docket Number	8836-218 (IB12173-US)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): 1. Amendment Transmittal Form (in triplicate) 2. Replacement Figs. 1-9 3. Return Postcard
<input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> Remarks
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	F. Chau & Associates, LLC		
Signature			
Printed name	Eric M. Parham		
Date	February 4, 2005	Reg. No.	45,747

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Patricia A. Gonta	Date	February 4, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

In re application of: CHO, Taehee

Serial No.: 10/706,778

Group Art Unit 2824

Filed: November 12, 2003

Examiner: Phung, Anh K.

For: CMOS IMAGE SENSOR HAVING ROW DECODER CAPABLE  
OF SHUTTER TIMING CONTROL

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

Small entity status of this application under 37 C.F.R. ' 1.9 and 1.27 has been established by a verified statement previously submitted.  
 A verified statement to establish small entity under 37 C.F.R. ' 1.9 and 1.27 is enclosed.  
 No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN SMALL ENTITY			
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA FEE	RATE	ADDIT. FEE	OR	RATE	ADDIT.
TOTAL 18	MINUS 24**	1 = 0	X 25	\$ 0	X	50	\$ 0
INDEP. 3*	MINUS 3***	= 0	X 100	\$ 0	X	200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM		X	180	\$	X	360	\$ 0
			TOTAL ADDIT. FEE \$ 0		OR TOTAL		\$ 0

\*If the entry in Co. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

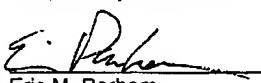
\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

Please charge Deposit Account No. \_\_\_\_ in the amount of \$ \_\_\_\_\_. Two (2) copies of this sheet are enclosed.  
 Please charge fee of \$ \_\_\_\_ for \_\_\_\_\_ by Credit Card Payment Form PTO-2038 enclosed herewith  
 Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. ' 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,

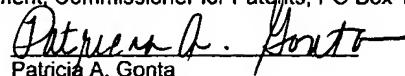
F. CHAU & ASSOCIATES, LLC  
130 Woodbury Road  
Woodbury, New York 11797  
Tel: (516) 692-8888  
Fax: (516) 692-8889

  
Eric M. Parham  
Reg. No. 45,747  
Attorney for Applicant

CERTIFICATE OF MAILING UNDER 37 C.F.R. ' 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on February 4, 2005.

Dated: 2/4/05

  
Patricia A. Gonta



Patent

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicants: CHO, Taehee

Examiner: PHUNG, Anh K

Serial No.: 10/706,778

Art Unit: 2824

Filed: November 12, 2003

Docket: 8836-218 (IB12173-US)

Title: CMOS IMAGE SENSOR HAVING ROW DECODER CAPABLE OF SHUTTER TIMING CONTROL

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

This paper is responsive to the Office Action mailed on January 7, 2005. The Examiner is requested to enter and consider the following amendments and remarks.

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence (and any document referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail, postage paid in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

Date: 2/4/05

By: Patricia A. Gónta  
Patricia A. Gónta